

TRANSMITTING CIRCUIT AND METHOD THEREOF, RECEIVING
CIRCUIT AND METHOD THEREOF, AND DATA COMMUNICATION

APPARATUS

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ABSTRACT OF THE DISCLOSURE

A method of frame synchronization serial data transmission. A transmitting circuit in a data communication apparatus converts frame data into serial data and transmit the same, and following the serial data, the transmitting circuit transmits frame synchronization data varying several times in the interval from an edge of a clock signal to an edge of the next clock signal; a receiving circuit receives the frame data and detects twice or more variations in the same interval to find out the end of the frame data, by receiving the serial data from a signal lines, serial data is transmitted while carrying out frame synchronization.